

WHAT IS CLAIMED IS:

1. A head-protecting airbag comprising:
a primary chamber; and
a secondary chamber;
wherein the primary chamber is separated from the secondary chamber by an air-permeable panel.
2. The head-protecting airbag according to claim 1, wherein the head-protecting airbag is configured to be inflatable over an in-vehicle lateral surface.
3. The head-protecting airbag according to claim 1, wherein the primary chamber is configured to be inflated by gas discharged from a gas generator.
4. The head-protecting airbag according to claim 1, wherein the secondary chamber is configured to be inflated by gas transferred from the primary chamber.
5. The head-protecting airbag according to claim 1, wherein the secondary chamber is configured to be inflated by gas passing through the air-permeable panel.
6. The head-protecting airbag according to claim 1, further comprising:
a first panel; and
a second panel;
wherein the air-permeable panel is disposed between the first panel and the second panel.

7. The head-protecting airbag according to claim 6, wherein the primary chamber is defined by the first panel and the air-permeable panel.

8. The head-protecting airbag according to claim 7, wherein the primary chamber includes a pair of cells formed by a connection between the air permeable panel and the first panel.

9. The head-protecting airbag according to claim 6, wherein the secondary chamber is defined by the second panel and the air-permeable panel.

10. The head-protecting airbag according to claim 6, wherein the primary chamber is defined by the first panel, the second panel, and the air-permeable panel.

11. The head-protecting airbag according to claim 10, wherein the secondary chamber is defined by the first panel, the second panel, and the air-permeable panel.

12. The head-protecting airbag according to claim 11, wherein the primary chamber is disposed above the secondary chamber.

13. The head-protecting airbag according to claim 6, wherein the primary chamber is defined by the first panel and the air permeable panel and the secondary chamber is defined by the second panel and the air permeable panel;

wherein the air permeable panel includes a periphery portion and an interior portion; and

wherein a portion of the interior portion of the air-permeable panel is connected to the first panel to thereby form a pair of cells.

14. The head-protecting airbag according to claim 1, further comprising a first panel adjacent to a vehicle body and a second panel adjacent to a vehicle cabin.

15. The head-protecting airbag according to claim 14, wherein the air permeable panel is connected to the first panel and the second panel to thereby form the primary chamber and the secondary chamber.

16. The head-protecting airbag according to claim 15, wherein the primary chamber is disposed above the secondary chamber.

17. A head-protecting airbag device comprising:
an airbag, wherein the airbag includes a primary chamber, a secondary chamber, and an air-permeable panel separating the primary chamber and the secondary chamber; and
a gas generating apparatus configured to generate gas to inflate the airbag.

18. An airbag for a vehicle comprising:
a cabin side panel;
a body side panel; and
an air permeable panel positioned between the cabin side panel and the body side panel to thereby form a primary chamber bounded by the body side panel and the air permeable panel and a secondary chamber bounded by the cabin side panel and the air permeable panel.

19. The airbag for a vehicle of claim 18, wherein the primary chamber includes a pair of cells separated by a connection between the air permeable panel and the body side panel.

20. An airbag for a vehicle comprising:

a cabin side panel;

a body side panel; and

an air permeable panel positioned between the cabin side panel and the body side panel to thereby form a primary chamber bounded by the cabin side panel and the air permeable panel and a secondary chamber bounded by the body side panel and the air permeable panel;

wherein the primary chamber includes a pair of cells separated by a connection between the air permeable panel and the cabin side panel.

21. An airbag for a vehicle comprising:

a cabin side panel;

a body side panel; and

an air permeable panel positioned between the cabin side panel and the body side panel to thereby form a primary chamber bounded by the body side panel, the cabin side panel, and the air permeable panel and a secondary chamber bounded by the body side panel, the cabin side panel, and the air permeable panel.

22. The airbag for a vehicle of claim 21, wherein the primary chamber is positioned above the secondary chamber.